

**REMARKS-General**

1. Upon review of the original specification and in light of the observation of the Examiner noted in the above Office Action, the applicant has submitted a completely revised substitute specification which is deemed to more clearly and distinctly describe the subject matter of the instant invention, and which provides full antecedent basis to the newly drafted claims. No new matter has been included in the substitute specification.
2. A marked-up copy is also submitted to show additions to and/or deletions from the original specification and the substitute specification includes the same changes as are indicated in the marked-up copy of the original specification showing addition and/or deletions.
3. New reference characters, for elements previously shown in the drawings and described in the original specification, have been amended to Figs. 1 to 7 of the drawings in red ink along with the new element. A drawing amendment approval request form is enclosed herewith, as pursuant to MPEP 608.02(v). A set of corrected formal drawings is also submitted herewith to substitute the original drawings upon the approval of the proposal drawing correction by the Examiner.
4. The newly drafted independent claim 21 incorporates all structural limitations of the original allowable claim 1 and includes further limitations previously brought forth in the disclosure. The newly drafted dependent claims 22 to 40 are rewritten from the original allowable claims 2 to 20, each including all the limitations of the base claim and any intervening claims. No new matter has been included. All new claims 21 to 40 are submitted to overcome the claim objections and to be of sufficient clarity and detail to enable a person of average skill in the art to make and use the instant invention, so as to be pursuant to 35 USC 112.

**Response to Rejection of Claims 1 to 20 under 35USC112**

5. Applicants acknowledge the allowability of the original claims 1 to 20. The applicant submits that the newly drafted claims 20 to 40 are rewritten from the original allowable claims 1 to 20 respectively to particularly point out and distinctly claim the subject matter of the instant invention, as pursuant to 35USC112.

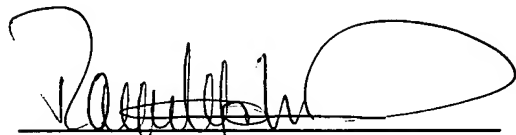
**The Cited but Non-Applied References**

6. The cited but not relied upon references have been studied and are greatly appreciated, but are deemed to be less relevant than the relied upon references.

7. In view of the above, it is submitted that the claims are in condition for allowance. Reconsideration and withdrawal of the objection and rejection are requested. Allowance of claims 21 to 40 at an early date is solicited.

8. Should the Examiner believe that anything further is needed in order to place the application in condition for allowance, he is requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,

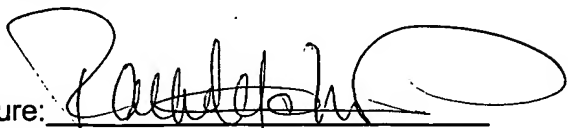


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**CERTIFICATE OF MAILING**

I hereby certify that this corresponding is being deposited with the United States Postal Service by First Class Mail, with sufficient postage, in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: June 02, 2003

Signature:   
Person Signing: Raymond Y. Chan